

PTO/SB/17 (12-04)

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Effective on 12/08/2004  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL**  
**For FY 2006**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**1,020.00****Complete if Known**

Application Number	10/612,542
Filing Date	07/01/2003
First Named Inventor	Yen-Kuang Chen
Examiner Name	Malzahn, David H.
An Unit	2193
Attorney Docket No.	42P15766

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**FEB 16 2007****METHOD OF PAYMENT (check all that apply)**

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**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

**Total Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**      **Multiple Dependent Claims**

\_\_\_\_\_ - 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_      **Fee (\$)**      **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20

**Indep. Claims**      **Extra Claims**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_\_ - 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).


**Total Sheets**      **Extra Sheets**      **Number of each additional 50 or fraction thereof**      **Fee (\$)**      **Fee Paid (\$)**

\_\_\_\_\_ - 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

**4. OTHER FEE(S)**

Request for three month extension (Fee Code 1253)

**Fees Paid (\$)****\$1,020.00****SUBMITTED BY**

Signature		Registration No. 51,003 (Attorney/Agent)	Telephone 408-765-2194
Name (Print/Type)	Lawrence M. Mennemeier		Date 2-16-2007

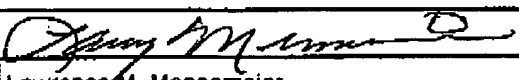
This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

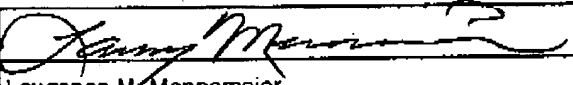
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PTO/SB/21 (09-04)  
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<b>TRANSMITTAL FORM</b>	Application Number	110/612,542	<b>RECEIVED CENTRAL FAX CENTER FEB 16 2007</b>
	Filing Date	July 1, 2003	
	First Named Inventor	Yen-Kuang Chen	
	Art Unit	2193	
	Examiner Name	Malzahn, David H.	
(to be used for all correspondence after initial filing)		Attorney Docket Number	42P15766
Total Number of Pages in This Submission		17	

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Response to non-final Office Action mailed August 16, 2006		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm Name	BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN	
Signature		
Printed name	Lawrence M. Mennemeier	
Date	2-16-2007	Reg. No. 51,003

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Signature	
Typed or printed name	Lawrence M. Mennemeier
Date	2-16-2007

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FEB 16 2007

Attorney's Docket No.: 42P15766

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Yen-Kuang Chen et al.

Application No. 10/612,542

Filed: July 1, 2003

For: BITSTREAM BUFFER  
MANIPULATION WITH A SIMD  
MERGE INSTRUCTION

Examiner: Malzahn, David H.

Art Unit: 2193

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on 2-16-2007

Date

  
Lawrence MennermeierMail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450AMENDMENT AND OFFICIAL RESPONSE

Sir:

In response to the Office Action mailed August 16, 2006, prior to consideration  
on the merits, Applicant respectfully requests the Examiner to enter the following  
amendments and to consider the following remarks.

**Amendments to the Specification** begin on page 2 of this paper.**Amendments to the Claims** begin on page 3 of this paper.**Remarks/Arguments** begin on page 11 of this paper.

02/21/2007 AWONDAF1 00000038 022666 10612542

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